

# Section 2

## PLAN LAYOUT SAMPLE SKETCHES

- Whole Ship Damage Control Deck
- Repair Locker/DCRS
- Unit Locker
- Passage Stowage

## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCHES

SECTION 2 SKETCH NO.	TITLE OF SKETCH
001	Typical Damage Control Repair Station (DC Deck Layout)
002	Typical Damage Control Repair Station (Plan View) Version 1
002	Typical Damage Control Repair Station (Plan View) Version 2
002	Typical Damage Control Repair Station (Plan View) Version 3
002	Typical Damage Control Repair Station (Plan View) Version 4
002	Typical Damage Control Repair Station (Plan View) Version 5
003	Typical Damage Control Unit Locker
004	Typical DCRS Passage Stowage

LEGEND:

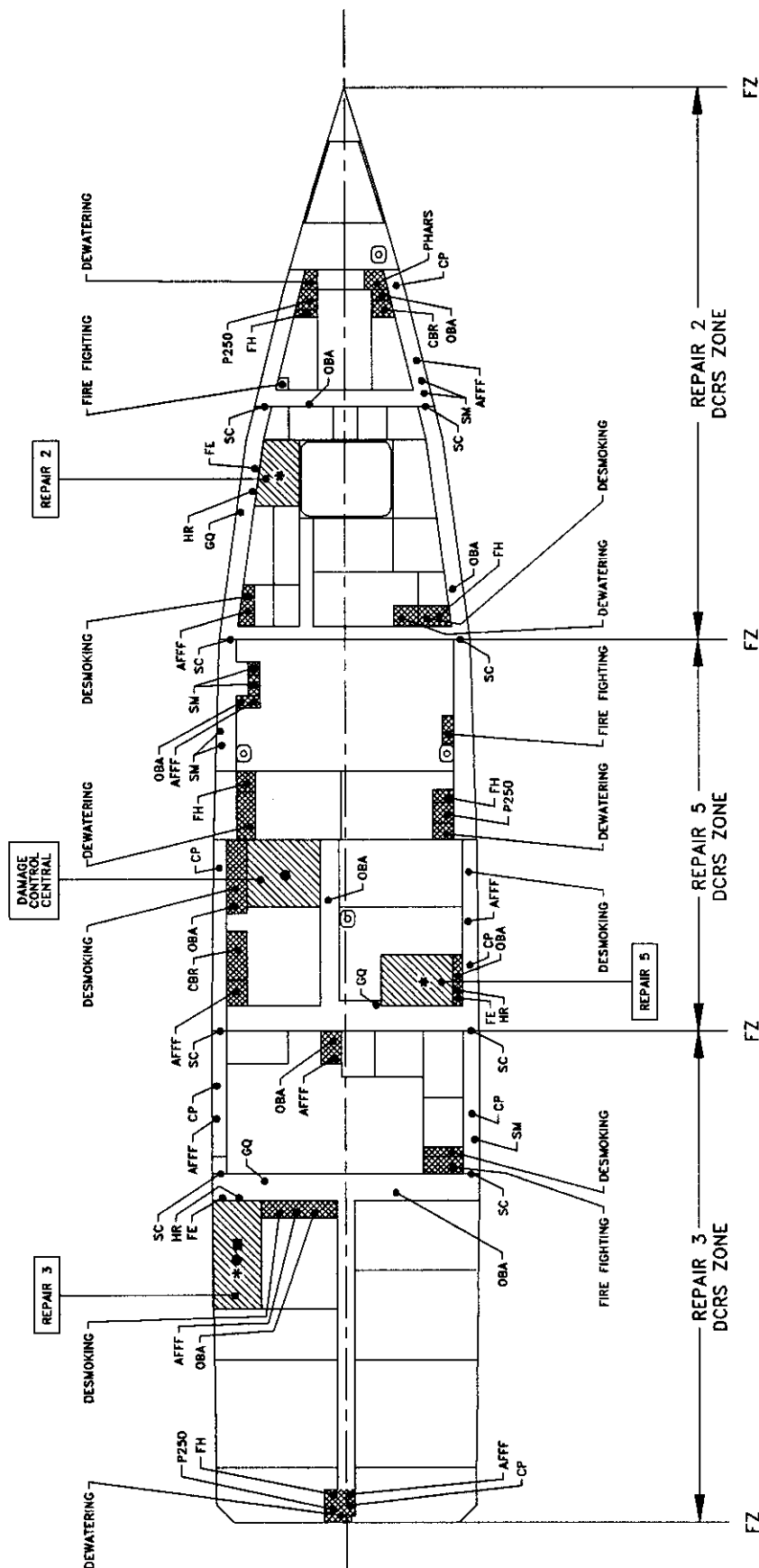
LEGEND:

DC EQUIPMENT STOWAGE

REPAIR LOCKER COMPARTMENT

AFFF = 4 CANS AFFF & INLINE EDUCTOR  
 CBR = CBR EQUIPMENT LKR  
 CP = CASUALTY POWER CABLE  
 FE = FIRE EXTINGUISHER  
 FH = FIRE HOSE  
 GQ = GENERAL QUARTERS GEAR  
 HR = HELMET RACK  
 P250 = P250 ACCESS KIT  
 PHARS = PORTABLE HYDRAULIC RESCUE SYSTEM  
 SC = SHORING MATERIAL KIT  
 SM = SMOKE CURTAIN

DC CONSOLE:  
 DC CENTRAL  
 \* SECONDARY DC CENTRAL  
 \* COMMUNICATIONS KIT  
 ELECTRICAL REPAIR KIT  
 EMERGENCY LIGHTING KIT  
 GAS FREE KIT  
 INVESTIGATORS KIT  
 AFTI  
 PECU-CON  
 PIPE PATCH KIT  
 SHORING PLUG TOOL KIT  
 WELDER  
 WIF-CON



# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 001** **TYPICAL DAMAGE CONTROL REPAIR STATION** **(DC DECK LAYOUT)**

**TYPICAL THREE (3) DAMAGE CONTROL REPAIR STATION (DCRS)  
SHIP CONFIGURATION**

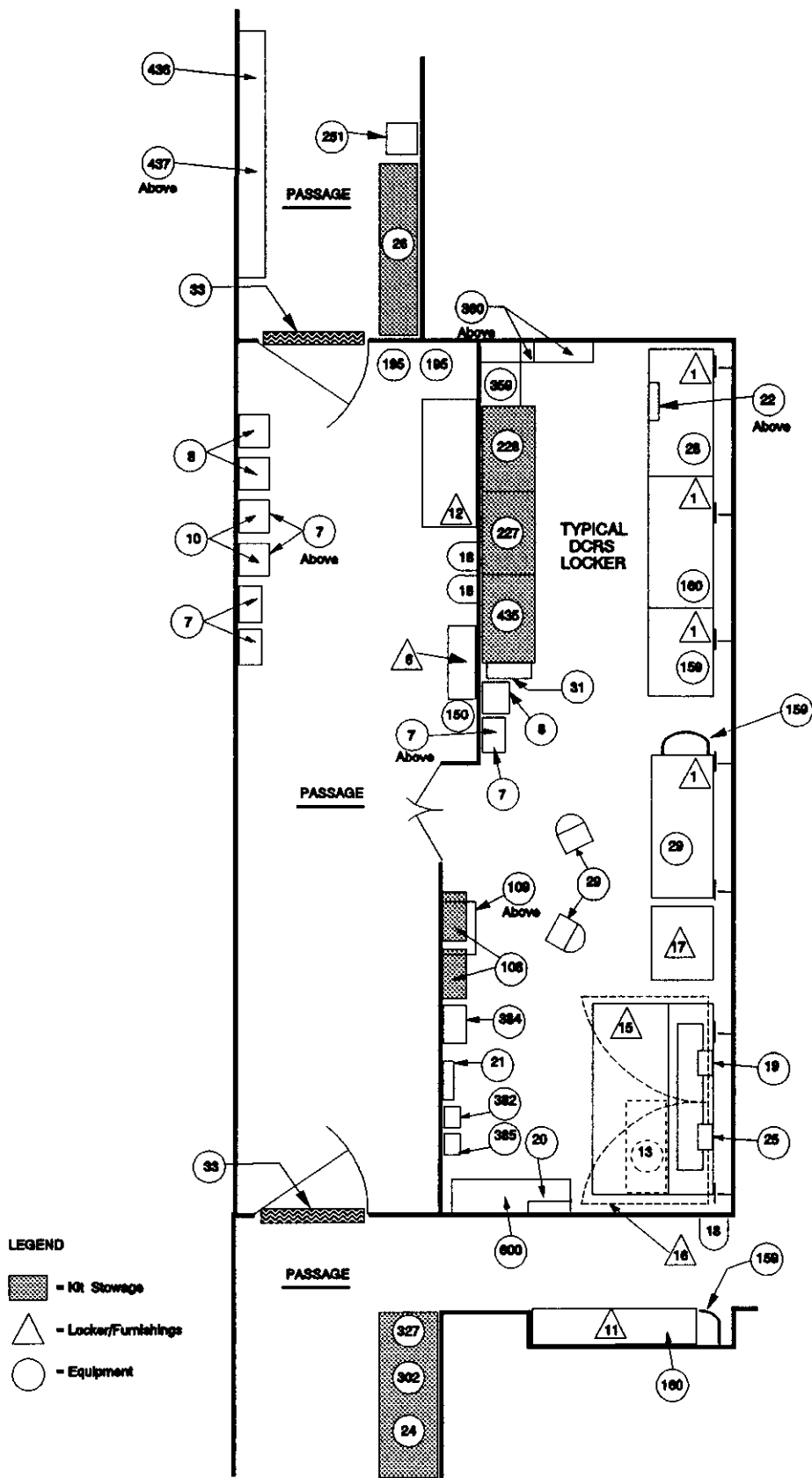
LIST OF MATERIAL/EQUIPMENT				
Location No.	Typical No. Req'd Per Space	Description	Dwg or Spec No.	Remarks
1	4	Type "A" Bin	804-4563098	Size: (36"W x 54"H x 24"D) Repair 2, 3 & 5 and DCEL
2	3	Type "B" Bin	804-4563098	Size: (24"W x 60"H x 24"D) Repair 2, 3 & 5 and DCEL
3	1	Bins		Repair 2, 3 & 5 and DCEL
4	4	Cabinet, Housing with Bins Over		Repair 2, 3 & 5 and DCEL
5	1	Gas Free Equipment Locker	DC Stowage Sketch Version 1, 4-47 Version 2, 4-48	Repair 2, 3 & 5 only Passage
6	1	General Quarters Gear	DC Stowage Sketch Nos. 49, 50 or 51	DC Sketch No. 050 Holds 20 Sets each, Life Jackets, Gas Mask, Anti Flash Gear in Passage (DC Sketch No. 049, 051 Holds 8 Sets)
7	4	OBA Rack	DC Stowage Sketch Nos. 4-70 or 4-71	1 OBA, Anti Flash Gear, FF Helmet Passageway, 2 only inside DCEL
8	3	OBA Canister Stowage Rack	DC Stowage Sketch Nos. 4-67 or 4-68	3 Permanent, 36 Canisters, Passage
9	1	Portable Hydraulic Rescue System (PHARS)	DC Stowage Sketch No. 4-79 (Stowage Brackets)	DC Sketch No (3-26, 3-27-3-28-3-29) 1 Per ship
10	2	OBA Canister Stowage Rack	DC Stowage Sketch Nos. 4-67 or 4-68	2 Portable, 6 Canisters, Passage
11	1	Locker, OBA, FFBA, PPE Stowage	DC Stowage Sketch No. 4-77 Version 2	(Personnel Protection) 6 OBAs Repair 2, 3 & 5 only
12	1	Locker, OBA, FFBA, PPE Stowage	DC Stowage Sketch No. 4-78 Version 2	(Personnel Protection) 4 OBAs, 2 cases of canisters (Reserve) Repair 2, 3 & 5 only

LIST OF MATERIAL/EQUIPMENT				
Location No.	Typical No. Req'd Per Space	Description	Dwg or Spec No.	Remarks
13	1	DC WIF-COM		Repair 2, 3 & 5 only (under table #15)
14	6	OBA Stowage Locker, Single Unit	DC Stowage Sketch No. 4-69	Repair 2, DCC 3 & 5 only Passage
15	1	Table, Damage Control	805-0921930	Repair 2, 3 & 5 only
16	1	Unit, Hinged Leaf with Fluorescent Light		Repair 2, 3 & 5 only
17	1	Locker, Tall	MIL-F-243	18"W x 12"D x 7'-2"H and DCEL Repair 2, 3 & 5 only
18	2	Rack, Fire Fighters' Helmet Stowage	DC Stowage Sketch) 4-42, 4-43, 4-44	Repair 2, 3 & 5 only, 1 inside DCEL
19	1	Clock, 24 Hour	MIL-C-1194	Repair 2, 3 & 5 only
20	1	Clinometer, Heel	MIL-C-20061	Repair 2 only or Secondary DCC
21	1	Clinometer, Trim	MIL-C-2261	Repair 2 only or Secondary DCC
22	1	Ladder, Scaling	DC Stowage Sketch Nos. 4-62 or 4-63	Repair 2, 3 & 5 and DCEL
23	2	Lantern, Hand, w/Relay		Repair 2, 3 & 5 only Damage Control Eqpt Locker (one lantern only)
24	1	Dewatering Kit	DC Stowage Sketch Nos. 4-21 through 4-26	Repair 2, 3 & 5 only, Divided in Passage Port/STBD DC Sketch Nos. 3-17 through 3-24
25	1	Firemain Pressure Gage		Repair 2, 3 & 5 only
26	1	Desmoking Kit	DC Stowage Sketch Nos. 4-27 through 4-34	Repair 2, 3 & 5 only, Divided in Passage Port/STBD DC Sketch Nos. 3-11 through 3-16
27	3	Fire Hose Stowage	DC Stowage Sketch Nos. 4-46, 4-53 through 4-61	Repair 2, 3 & 5 and DCEL
28	1	CBR Equipment Locker	DC Stowage Sketch No. 007	Repair 2, 3 & 5 only Passage
29	1	Radiac Equipment		Repair 2, 3 & 5 only
30	1	Hydraulic Jack		Repair 2, 3 & 5 only

LIST OF MATERIAL/EQUIPMENT				
Location No.	Typical No. Req'd Per Space	Description	Dwg or Spec No.	Remarks
31	2	Emergency Comms Reels		Repair 2, 3 & 5 and DCEL
33	3	Smoke Curtains	DC Stowage Sketch Nos. 4-90, 4-91, 4-92	Repair 2, 3 & 5 and DCEL Passage. Pre-hung above W.T. door or on each side
108	2	Investigator/Tender Kit		Repair 2, 3 & 5 only
109	1	Navy Fire Fighters Terminal Hanger (NFTI)	DC Stowage Sketch No. 4-65	Repair 2, 3 & 5 and DCEL
150	1	Extinguisher, Fire, Chemical	MIL-E-24091	Passageway except DCEL
158	6	Fire Fighters' Ensemble	DC Stowage Sketch Nos. 4-39 4-40, 4-41	6 sets stowed in passage except 4 in DCEL, DC Sketch Nos. 3-39 through 3-41
159	24	Fire Retardant Coveralls		24 sets stowed inside DCRS, 12 in DCEL
160	18	Fire Fighters' Boots	DC Stowage Sketch Nos. 34, 35, 36 Rack	Repair 2, 3 & 5, (6 in DCEL)
195	2	Extinguisher, Fire, Carbon Dioxide	MIL-E-24269	Repair 2, 3 & 5 Passage, inside DC Equipment Locker
227	1	Pipe Patching Kit		Repair 2, 3 & 5 and DCEL
228	1	Plugging Kit		Repair 2, 3 & 5 and DCEL
251	1	Cable, Assy, Casualty Power	DC Stowage Sketch No. 08	Repair 2, 3 & 5 only in Passage
302	2	Strainer, Suction, Firehose		Repair 2, 3 & 5 Passage, inside DCEL
327	2	Pump, Centrifugal, Submersible Portable	MIL-D-17454 DC Stowage Sketch No. 81	Repair 2, 3 & 5 Passage, inside DCEL
332	3	Rope, Nylon DBL BRD/	MIL-R-17343	Repair 2, 3 & 5 only (2" x 50' Length)
359	1	Welding Machine, Stowage Rack	DC Stowage Sketch No. 97	Repair 2 & 3 only
360	1	Port Exothermic Cutting Unit (PECU)	DC Stowage Sketch Nos. 4-74 & 4-75	Repair 2, 3 & 5 only Rod Stowage/Rack Foundation
384	1	Chain Hoist		Repair 2, 3 & 5 only

LIST OF MATERIAL/EQUIPMENT				
Location No.	Typical No. Req'd Per Space	Description	Dwg or Spec No.	Remarks
385	1	Block and Fall Assy		Repair 2, 3 & 5 only
435	1	Shoring & Plugging Tool Kit		Repair 2, 3 & 5 and DCEL
436	1	Shoring Rack, Wood	DC Stowage Sketch Nos. 88 & 89 Horizontal	Repair 2, 3 & 5 only, Passageway
437	1	Shoring Rack, Metal	DC Stowage Sketch Nos. 4-83 through 4-87	Repair 2, 3 & 5 only Vertical/Horizontal Stowage Racks
600	1	Control Console		Repair 2 only or Secondary DCC
<p style="text-align: center;"><b>DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #</b></p> <p style="text-align: center;"><b>DAMAGE CONTROL REPAIR STATION (DCRS)</b> <b>DAMAGE CONTROL EQUIPMENT LOCKER (DCEL)</b></p>				

- NOTES:**
1. The sketches in Section 2, illustrate options for distributive stowage within the DCRS and the DCRS (Locker) and zone of responsibility (passages).
  2. The Damage Control Equipment Locker (DCEL) topside reentry is also illustrated.
  3. Shock requirements must be complied with.
  4. The sketches (plan layouts) are intended as general guidance to provide options for defining distributive stowage.

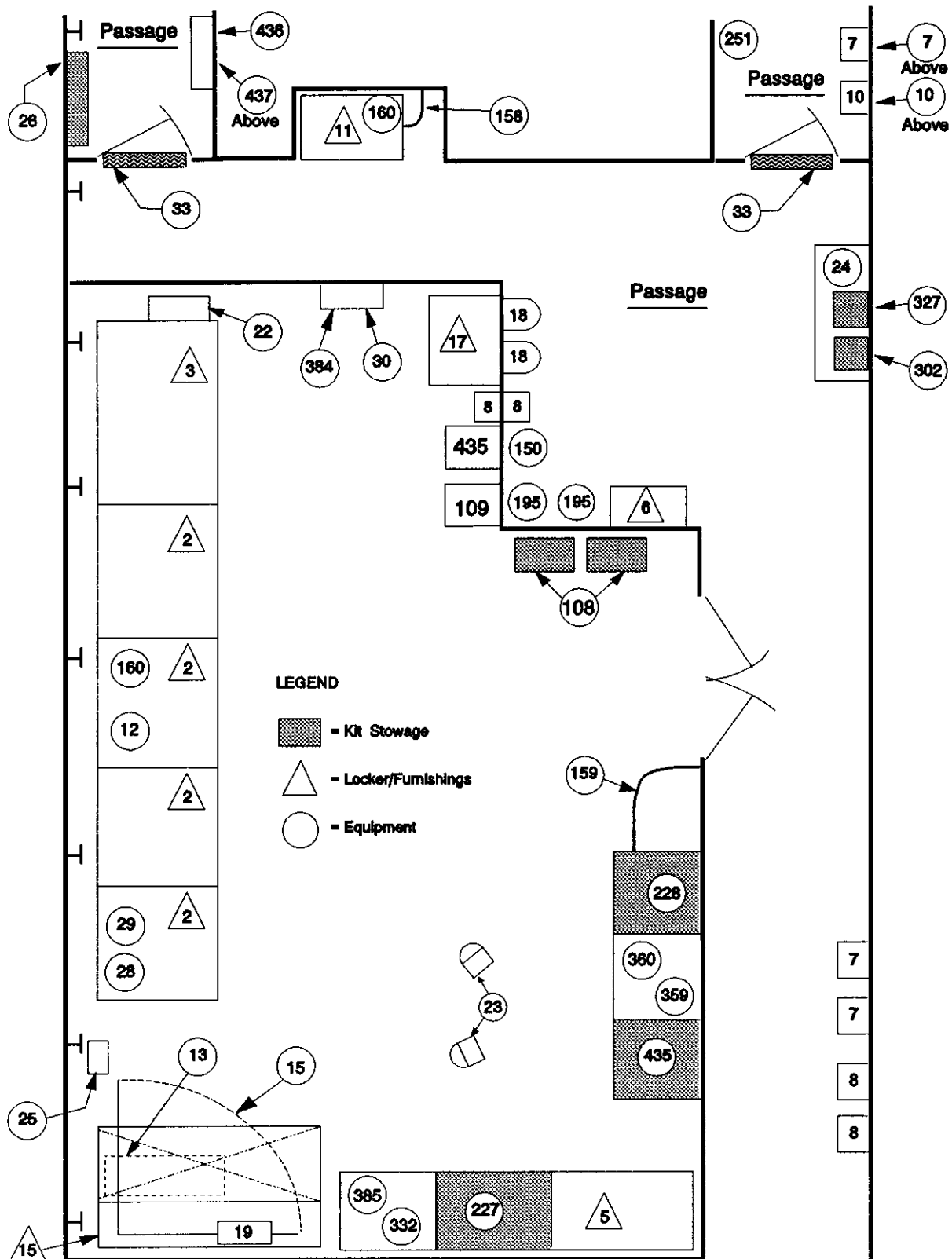


## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002

### TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)

Version 1






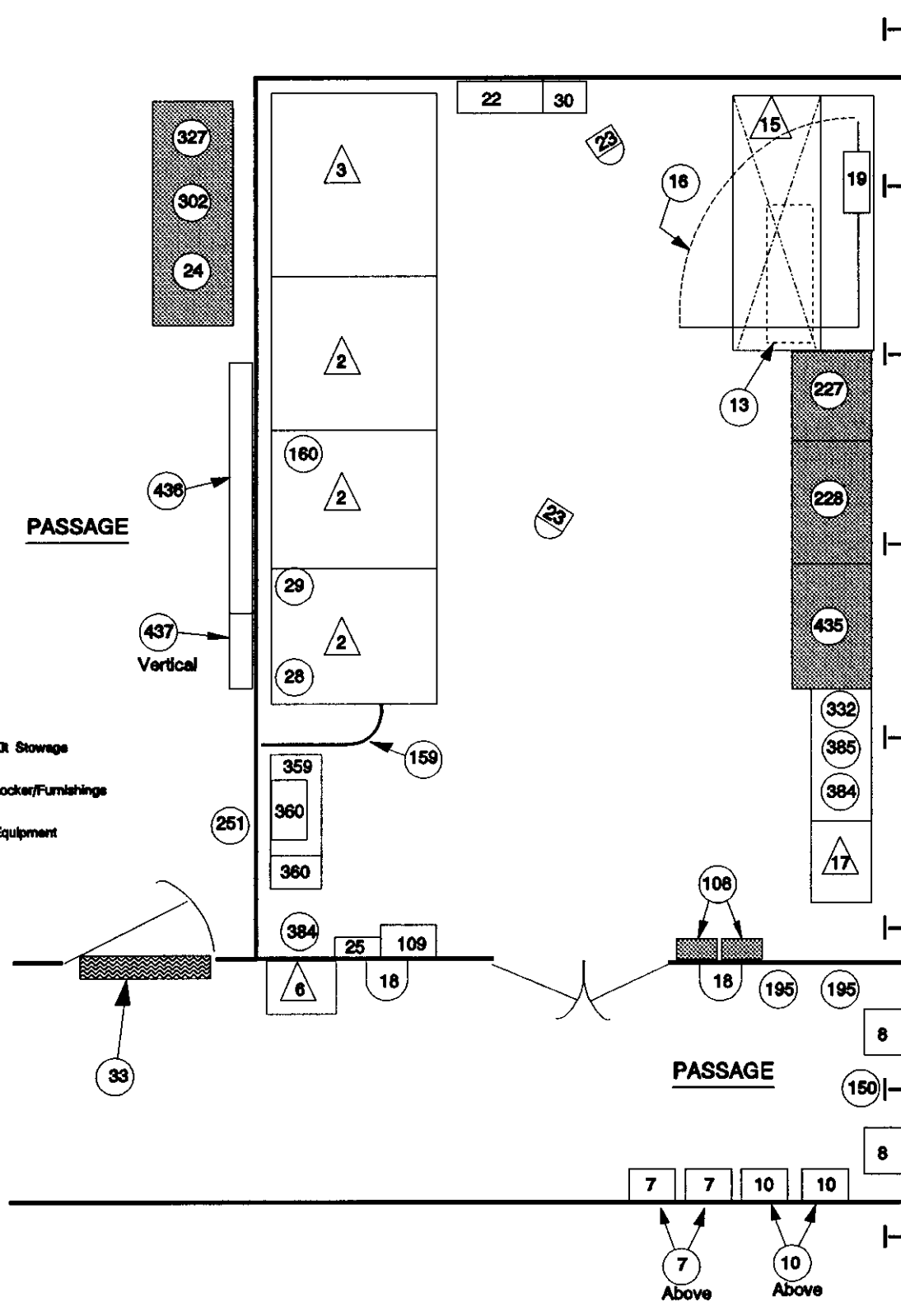


**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002**  
**TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)**

Version 2

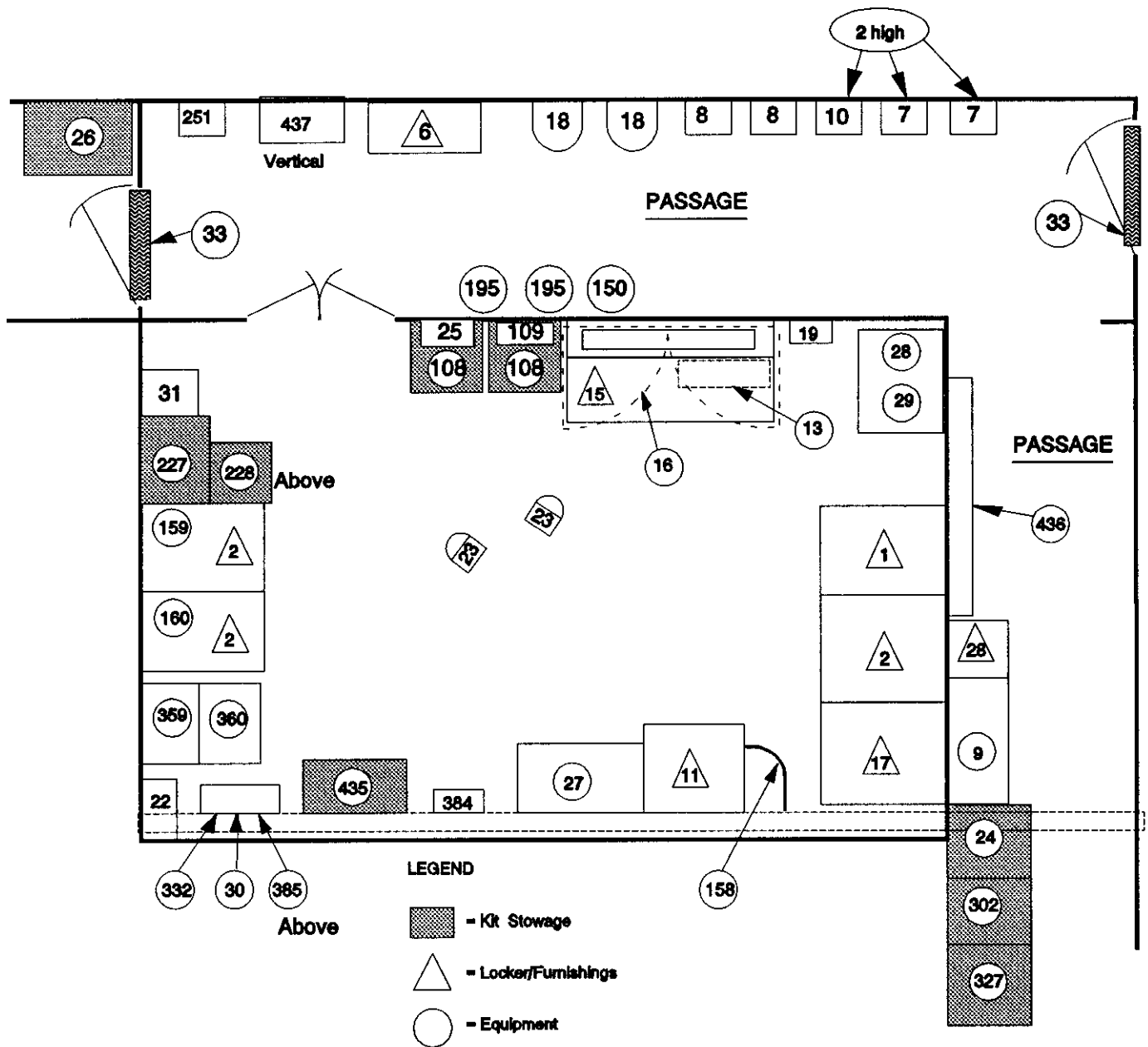
LEGEND

-  - Kit Stowage
-  - Locker/Furnishings
-  - Equipment



# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002** **TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)**

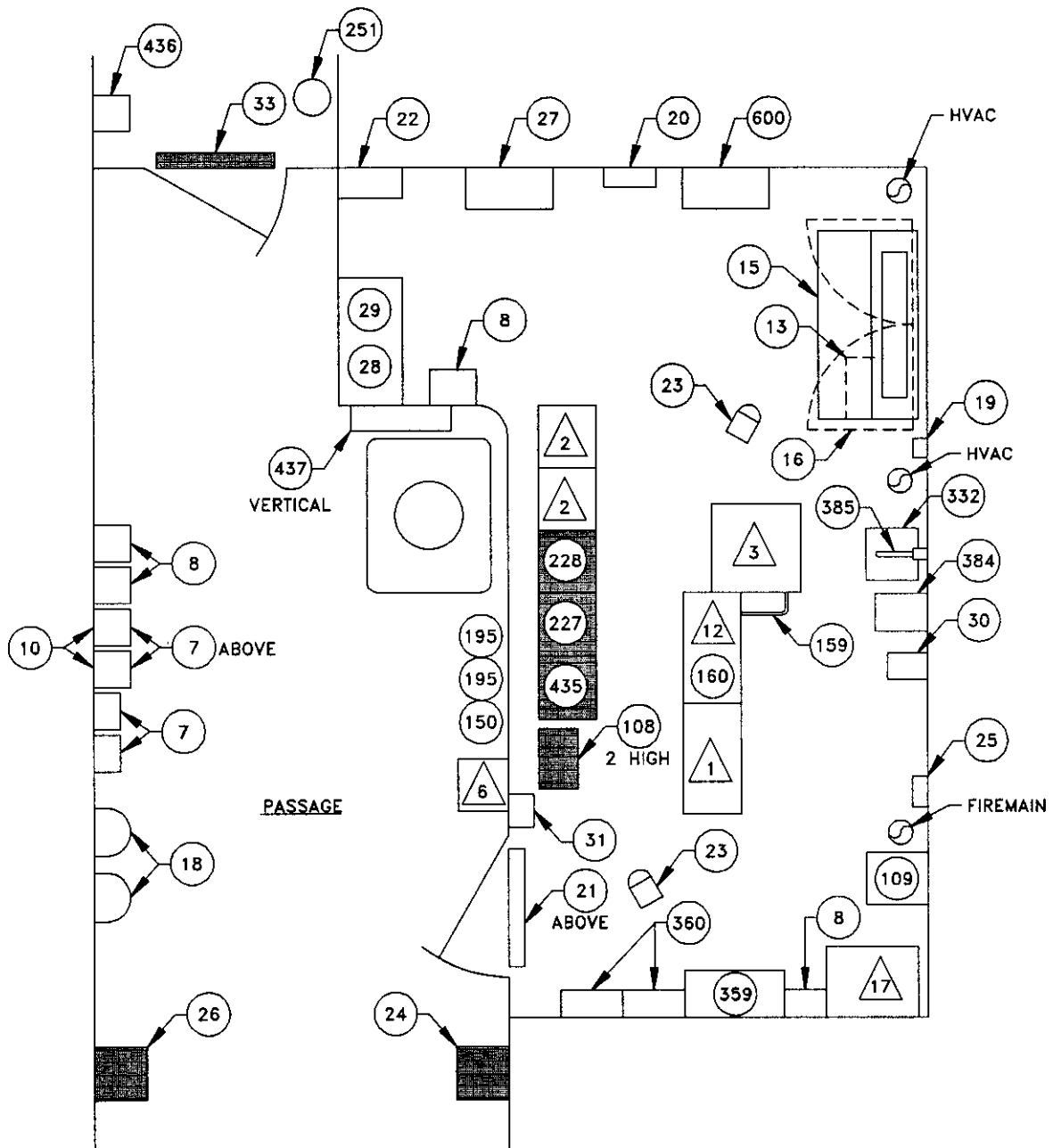
Version 3



## DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #002




### TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)

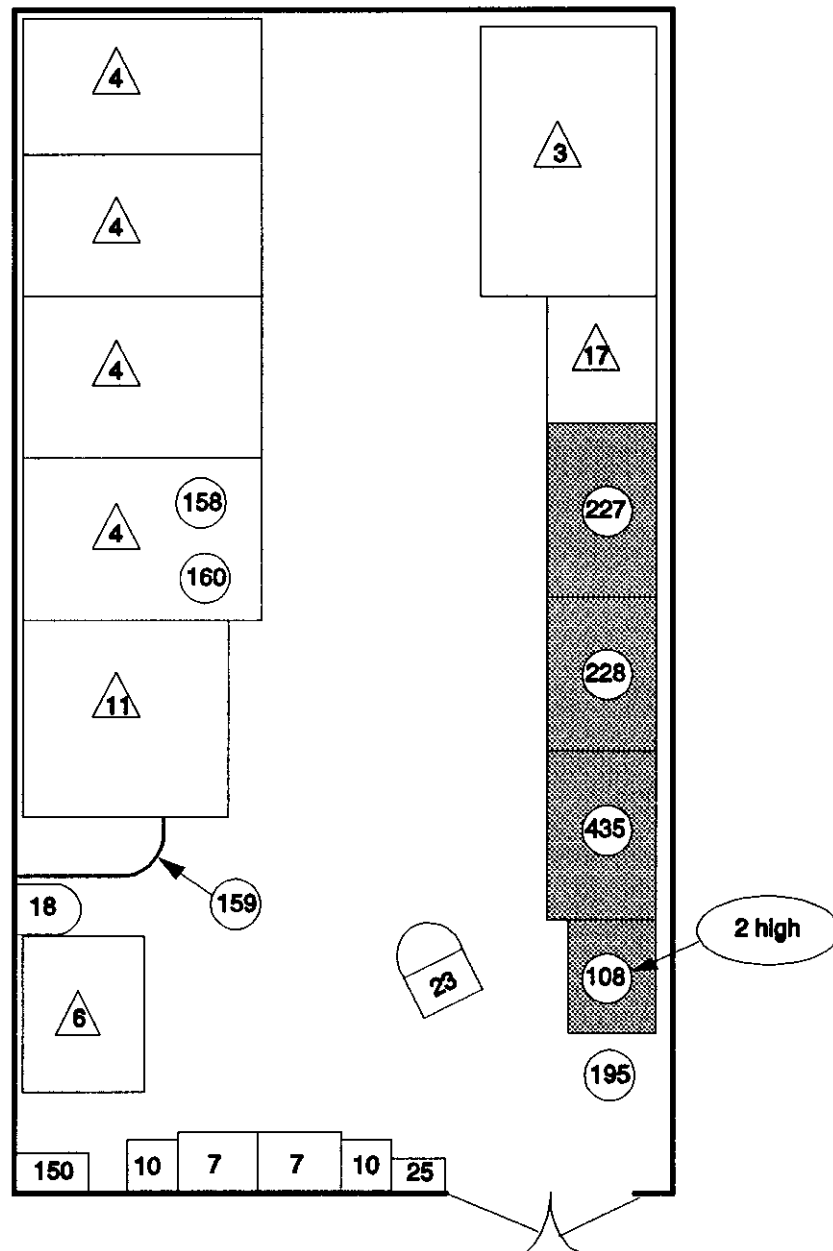
Version 4



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH # 002**  
**TYPICAL DAMAGE CONTROL REPAIR STATION (DCRS)**  
**SECONDARY DCC, VERSION 5**

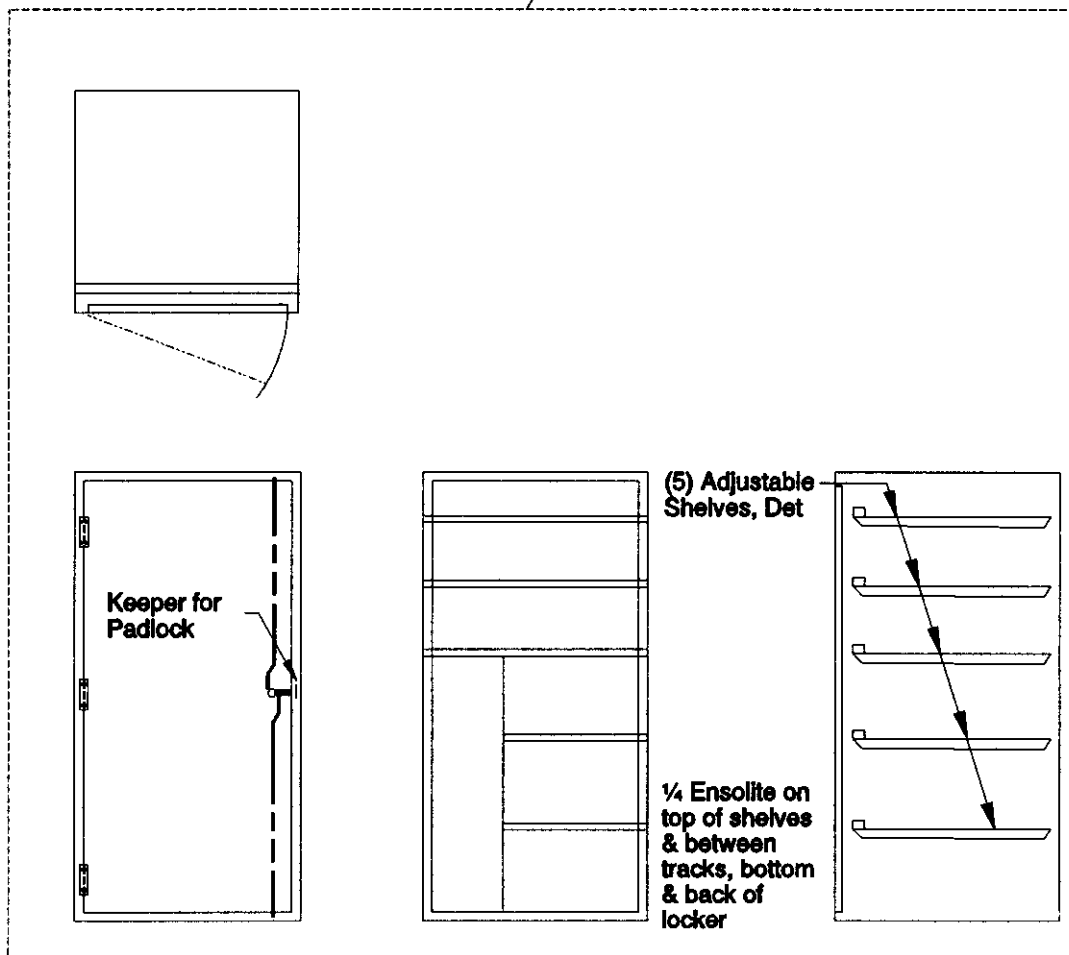
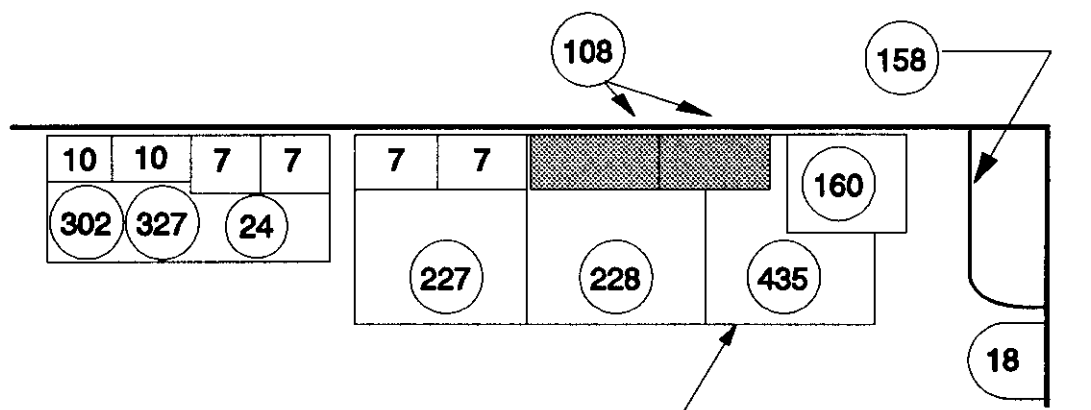
**LEGEND**

-  - Kit Stowage
-  - Locker/Furnishings
-  - Equipment



**DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #003**  
**TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)**

Unit Locker



# **DAMAGE CONTROL EQUIPMENT STOWAGE SKETCH #004** **TYPICAL DAMAGE CONTROL REPAIR STATION (PLAN VIEW)**

Passage Stowage